

## **RAW SEQUENCE LISTING**

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Information Center (STIC) no errors detected.**

Application Serial Number: 10/540,844  
Source: PCT  
Date Processed by STIC: 03/01/2006

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PCT

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DATE: 03/01/2006

PATENT APPLICATION: US/10/540,844

TIME: 13:59:26

Input Set : E:\ARS-110- Sequence listing.txt

Output Set: N:\CRF4\03012006\J540844.raw

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3 <110> APPLICANT: Applied Research Systems ARS Holding N.V.
5 <120> TITLE OF INVENTION: NOVEL NOTCH-LIKE POLYPEPTIDES
7 <130> FILE REFERENCE: 809
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/540,844
C--> 9 <141> CURRENT FILING DATE: 2005-06-27
9 <150> PRIOR APPLICATION NUMBER: US60/436,785
10 <151> PRIOR FILING DATE: 2002-12-27
12 <160> NUMBER OF SEQ ID NOS: 4
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 3711
18 <212> TYPE: DNA
19 <213> ORGANISM: homo sapiens
21 <400> SEQUENCE: 1
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26 ctcttggttg ggacggtgcc ttccagagccc ccagtgccct gtgcctcaga ccctgtgcgt      180
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84 gccaccttttg gcttgggagg cgccccaagc tctgcctcct ttctgctcca agagctgccca 1920
86 ggtcccaacc tcacagtgtc ttctcttctc cgcactcggg agtccgctgg cctgttgctc 1980
88 cagtttgcca atgactccgc agctggccta acagtattcc tgagtgaggg tcggatccgg 2040
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96 ctccaggacc tgcgactcga tggctgccac ctcccttctt ttctctgccc actggataac 2280
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147 &lt;210&gt; SEQ ID NO: 2

148 &lt;211&gt; LENGTH: 1236

149 &lt;212&gt; TYPE: PRT

150 &lt;213&gt; ORGANISM: homo sapiens

152 &lt;400&gt; SEQUENCE: 2

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154 Leu Thr Ala Ala Glu Gln Ser Ala Glu Arg Ala Ala Met Ala Leu Ala
155 1 5 10 15
158 Arg Pro Gly Thr Pro Asp Pro Gln Ala Leu Ala Ser Val Leu Leu Leu
159 20 25 30
162 Leu Leu Trp Ala Pro Ala Leu Ser Leu Leu Ala Gly Thr Val Pro Ser
163 35 40 45
166 Glu Pro Pro Ser Ala Cys Ala Ser Asp Pro Cys Ala Pro Gly Thr Glu
167 50 55 60
170 Cys Gln Ala Thr Glu Ser Gly Gly Tyr Thr Cys Gly Pro Met Glu Pro
171 65 70 75 80
174 Arg Gly Cys Ala Thr Gln Pro Cys His His Gly Ala Leu Cys Val Pro

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175      85      90      95
178 Gln Gly Pro Asp Pro Asn Gly Phe Arg Cys Tyr Cys Val Pro Gly Phe
179      100      105      110
182 Gln Gly Pro Arg Cys Glu Leu Asp Ile Asp Glu Cys Ala Ser Arg Pro
183      115      120      125
186 Cys His His Gly Ala Thr Cys Arg Asn Leu Ala Asp Arg Tyr Glu Cys
187      130      135      140
190 His Cys Pro Leu Gly Tyr Ala Gly Val Thr Cys Glu Met Glu Val Asp
191 145      150      155      160
194 Glu Cys Ala Ser Ala Pro Cys Leu His Gly Gly Ser Cys Leu Asp Gly
195      165      170      175
198 Val Gly Ser Phe Arg Cys Val Cys Ala Pro Gly Tyr Gly Gly Thr Arg
199      180      185      190
202 Cys Gln Leu Asp Leu Asp Glu Cys Gln Ser Gln Pro Cys Ala His Gly
203      195      200      205
206 Gly Thr Cys His Asp Leu Val Asn Gly Phe Arg Cys Asp Cys Ala Gly
207      210      215      220
210 Thr Gly Tyr Glu Gly Thr His Cys Glu Arg Glu Val Leu Glu Cys Ala
211 225      230      235      240
214 Ser Ala Pro Cys Glu His Asn Ala Ser Cys Leu Glu Gly Leu Gly Ser
215      245      250      255
218 Phe Arg Cys Leu Cys Trp Pro Gly Tyr Ser Gly Glu Leu Cys Glu Val
219      260      265      270
222 Asp Glu Asp Glu Cys Ala Ser Ser Pro Cys Gln His Gly Gly Arg Cys
223      275      280      285
226 Leu Gln Arg Ser Asp Pro Ala Leu Tyr Gly Gly Val Gln Ala Ala Phe
227      290      295      300
230 Pro Gly Ala Phe Ser Phe Arg His Ala Ala Gly Phe Leu Cys His Cys
231 305      310      315      320
234 Pro Pro Gly Phe Glu Gly Pro Thr Cys Glu Glu Asp Val Asp Glu Cys
235      325      330      335
238 Leu Ser Asp Pro Cys Leu His Gly Gly Thr Cys Ser Asp Thr Val Ala
239      340      345      350
242 Gly Tyr Ile Cys Arg Cys Pro Glu Thr Trp Gly Gly Arg Asp Cys Ser
243      355      360      365
246 Val Gln Leu Thr Gly Cys Gln Gly His Thr Cys Pro Leu Ala Ala Thr
247      370      375      380
250 Cys Ile Pro Ile Phe Glu Ser Gly Val His Ser Tyr Val Cys His Cys
251 385      390      395      400
254 Pro Pro Gly Thr His Gly Pro Phe Cys Gly Gln Asn Thr Thr Phe Ser
255      405      410      415
258 Val Met Ala Gly Ser Pro Ile Gln Ala Ser Val Pro Ala Gly Gly Pro
259      420      425      430
262 Leu Gly Leu Ala Leu Arg Phe Arg Thr Thr Leu Pro Ala Gly Thr Leu
263      435      440      445
266 Ala Thr Arg Asn Asp Thr Lys Glu Ser Leu Glu Leu Ala Leu Val Ala
267      450      455      460
270 Ala Thr Leu Gln Ala Thr Leu Trp Ser Tyr Ser Thr Thr Val Leu Val
271 465      470      475      480

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274 Leu Arg Leu Pro Asp Leu Ala Leu Asn Asp Gly His Trp His Gln Val
275           485           490           495
278 Glu Val Val Leu His Leu Ala Thr Leu Glu Leu Arg Leu Trp His Glu
279           500           505           510
282 Gly Cys Pro Ala Arg Leu Cys Val Ala Ser Gly Pro Val Ala Leu Ala
283           515           520           525
286 Ser Thr Ala Ser Ala Thr Pro Leu Pro Ala Gly Ile Ser Ser Ala Gln
287           530           535           540
290 Leu Gly Asp Ala Thr Phe Ala Gly Cys Leu Gln Asp Val Arg Val Asp
291 545           550           555           560
294 Gly His Leu Leu Leu Pro Glu Asp Leu Gly Glu Asn Val Leu Leu Gly
295           565           570           575
298 Cys Glu Arg Arg Glu Gln Cys Arg Pro Leu Pro Cys Val His Gly Gly
299           580           585           590
302 Ser Cys Val Asp Leu Trp Thr His Phe Arg Cys Asp Cys Ala Arg Pro
303           595           600           605
306 His Arg Gly Pro Thr Cys Ala Asp Glu Ile Pro Ala Ala Thr Phe Gly
307           610           615           620
310 Leu Gly Gly Ala Pro Ser Ser Ala Ser Phe Leu Leu Glu Glu Leu Pro
311 625           630           635           640
314 Gly Pro Asn Leu Thr Val Ser Phe Leu Leu Arg Thr Arg Glu Ser Ala
315           645           650           655
318 Gly Leu Leu Leu Gln Phe Ala Asn Asp Ser Ala Ala Gly Leu Thr Val
319           660           665           670
322 Phe Leu Ser Glu Gly Arg Ile Arg Ala Glu Ala Pro Gly Ser Pro Ala
323           675           680           685
326 Val Val Leu Pro Gly Arg Trp Asp Asp Gly Leu Arg His Leu Val Met
327           690           695           700
330 Leu Ser Phe Gly Pro Asp Gln Leu Gln Asp Leu Gly Gln His Val His
331 705           710           715           720
334 Val Gly Gly Arg Leu Leu Ala Ala Asp Ser Gln Pro Trp Gly Gly Pro
335           725           730           735
338 Phe Arg Gly Cys Leu Gln Asp Leu Arg Leu Asp Gly Cys His Leu Pro
339           740           745           750
342 Phe Phe Pro Leu Pro Leu Asp Asn Ser Ser Gln Pro Ser Glu Leu Gly
343           755           760           765
346 Gly Arg Gln Ser Trp Asn Leu Thr Ala Gly Cys Val Ser Glu Asp Met
347           770           775           780
350 Cys Ser Pro Asp Pro Cys Phe Asn Gly Gly Thr Cys Leu Val Thr Trp
351 785           790           795           800
354 Asn Asp Phe His Cys Thr Cys Pro Ala Asn Phe Thr Gly Pro Thr Cys
355           805           810           815
358 Ala Gln Gln Leu Trp Cys Pro Gly Gln Pro Cys Leu Pro Pro Ala Thr
359           820           825           830
362 Cys Glu Glu Val Pro Asp Gly Phe Val Cys Val Ala Glu Ala Thr Phe
363           835           840           845
366 Arg Glu Gly Pro Pro Ala Ala Phe Ser Gly His Asn Ala Ser Ser Gly
367           850           855           860
370 Arg Leu Leu Gly Gly Leu Ser Leu Ala Phe Arg Thr Arg Asp Ser Glu

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371 865      870      875      880
374 Ala Trp Leu Leu Arg Ala Ala Ala Gly Ala Leu Glu Gly Val Trp Leu
375      885      890      895
378 Ala Val Arg Asn Gly Ser Leu Ala Gly Gly Val Arg Gly Gly His Gly
379      900      905      910
382 Leu Pro Gly Ala Val Leu Pro Ile Pro Gly Pro Arg Val Ala Asp Gly
383      915      920      925
386 Ala Trp His Arg Val Arg Leu Ala Met Glu Arg Pro Ala Ala Ala Thr
387      930      935      940
390 Ser Arg Trp Leu Leu Trp Leu Asp Gly Ala Ala Thr Pro Val Ala Leu
391 945      950      955      960
394 Arg Gly Leu Ala Ser Asp Leu Gly Phe Leu Gln Gly Pro Gly Ala Val
395      965      970      975
398 Arg Ile Leu Leu Ala Glu Asn Phe Thr Gly Cys Leu Gly Arg His Phe
399      980      985      990
402 Ala Ser Trp Pro Gly Thr Pro Ala Pro Ile Leu Gly Cys Arg Gly Ala
403      995      1000      1005
406 Pro Val Cys Ala Pro Ser Pro Cys Leu His Asp Gly Ala Cys Arg
407      1010      1015      1020
410 Asp Leu Phe Asp Ala Phe Ala Cys Ala Cys Gly Pro Gly Trp Glu
411      1025      1030      1035
414 Gly Pro Arg Cys Glu Ala His Val Asp Pro Cys His Ser Ala Pro
415      1040      1045      1050
418 Cys Ala Arg Gly Arg Cys His Thr His Pro Asp Gly Arg Phe Glu
419      1055      1060      1065
422 Cys Arg Cys Pro Pro Gly Phe Gly Gly Pro Arg Cys Arg Leu Pro
423      1070      1075      1080
426 Val Pro Ser Lys Glu Cys Ser Leu Asn Val Thr Cys Leu Asp Gly
427      1085      1090      1095
430 Ser Pro Cys Glu Gly Gly Ser Pro Ala Ala Asn Cys Ser Cys Leu
431      1100      1105      1110
434 Glu Gly Leu Ala Gly Gln Arg Cys Gln Val Pro Thr Leu Pro Cys
435      1115      1120      1125
438 Glu Ala Asn Pro Cys Leu Asn Gly Gly Thr Cys Arg Ala Ala Gly
439      1130      1135      1140
442 Gly Val Ser Glu Cys Ile Cys Asn Ala Arg Phe Ser Gly Gln Phe
443      1145      1150      1155
446 Cys Glu Val Ala Lys Gly Leu Pro Leu Pro Leu Pro Phe Pro Leu
447      1160      1165      1170
450 Leu Glu Val Ala Val Pro Ala Ala Cys Ala Cys Leu Leu Leu Leu
451      1175      1180      1185
454 Leu Leu Gly Leu Leu Ser Gly Ile Leu Ala Ala Arg Lys Arg Arg
455      1190      1195      1200
458 Gln Ser Glu Gly Thr Tyr Ser Pro Ser Gln Gln Glu Val Ala Gly
459      1205      1210      1215
462 Ala Arg Leu Glu Met Asp Ser Val Leu Lys Val Pro Pro Glu Glu
463      1220      1225      1230
466 Arg Leu Ile
467      1235

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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date